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Remarks/Arguments

Claims 17-33 are pending in the application. The Office has rejected claims 32-33 under 35 U.S.C. § 101 stating that the claimed invention is directed to non-statutory subject matter. In this regard, the Office argues that as the software components of claim 32 are not embodied in any tangible media, claim 32 “fails the practical application test for not providing a tangible device which would enable the realization of a possible result” (see Office Action, pg. 2, Section 3). Applicant has amended claim 32 to recite a “computer system” comprising, among other things, “a processor” and “a memory coupled to said processor,” thereby addressing the rejections of claim 32 and claim 33 which depends therefrom.

The Office has also rejected claims 17, 19-25 and 27-32 under 35 U.S.C. § 102(e) as being anticipated by U.S. Published Patent Application No. 2004/0015834 to Mestre et al. (hereinafter “Mestre”). In addition, the Office has rejected claims 18, 26 and 33 under 35 U.S.C. 103(a) as being unpatentable over Mestre.

Regarding claim 17, Applicant would like to respectfully point out that Mestre does not teach, among other things, “a method of translating data from a format of a data model of a first software component to a format of a data model of a second software component, the method comprising the steps of: creating a first schema comprising the data model of the first software component” *and* “creating a second schema comprising the data model of the second software component,” wherein both the first and second schemas are integrated into a data wedge, as required by Applicant. As pointed out by the Office, Mestre teaches creation of only *a single model*, with bindings between the model and various type systems such as Java, SQL and XML (see, e.g., Mestre, para 0078, “With reference to FIG. 1, *a model* 10 has been created” (emphasis added), “The present invention provides bindings between *the model* description 10 and a number of types such as Java 12, SQL 14 and XML 16 (emphasis added); see also, Mestre, FIG 1; para 0061, “[t]he invention therefore provides a computer-implemented method of generating serialized code for representing *a model* in a plurality of type systems” (emphasis added); para 0079, “The present invention . . . makes use of *a type*

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*independent model* description and meta-data such as bindings (or links) to various type systems to generate all the code needed to use the objects from *the model* in those systems" (emphasis added)). Thus, Mestre fails to teach creating a first schema comprising a data model of a first software component *and* a second schema comprising a data model of a second software component, let alone integrating the first and second schemas into a data wedge, as required by Applicant's claim 17. As a result, Applicant's claim 17 and its dependents are patentable over Mestre.

Likewise, Mestre does not teach, among other things, "a computer system for translating data from a format of a data model of a first software component to a format of a data model of a second software component, the system comprising . . . instructions which, when executed by [a] processor, cause said processor to: create a first schema comprising the data model of the first software component" *and* "create a second schema comprising the data model of the second software component," as well as integrate the first and second schemas into a data wedge, as required by Applicant's claim 25. As discussed with regard to Applicant's claim 17 above, Mestre teaches creation of only *a single model*, with bindings between the model and various type systems such as Java, SQL and XML. Thus, Mestre fails to teach instructions which when executed cause a processor to create a first schema comprising a data model of a first software component *and* a second schema comprising a data model of a second software component, let alone integrate the first and second schemas into a data wedge, as required by Applicant's claim 25. As a result, Applicant's claim 25 and its dependents are patentable over Mestre.

Similarly, with respect to claim 32, Mestre does not teach, among other things, "a computer system for translating data from a format of a data model of a first software component to a format of a data model of a second software component, the system comprising . . . a memory" and instructions in said memory comprising "a data wedge including a first schema of the first software component and a second schema of the second software component," as required by Applicant. As discussed with respect to claims 17 and 25 above, Mestre teaches creation of only *a single model*, with bindings between the model and various type systems such as Java, SQL and XML. Thus, Mestre fails to teach a memory

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containing a sequence of instructions comprising a data wedge including a first schema of a first software component *and* a second schema of a second software component as required by Applicant's claim 32. As a result, Applicant's claim 32, and claim 33 which depends from claim 32, is patentable over Mestre.

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Conclusions

In light of the foregoing, Applicant asks the Office to reconsider this application and allow all of the claims. Please apply any charges that might be due, excepting the issue fee but including fees for extensions of time, to deposit account 14-0225.

Respectfully,

  
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